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OM protein - protein search, using sw model

Run on: March 17, 2003, 07:21:20 ; Search time 11.9695 Seconds  
(without alignments)  
78.661 Million cell updates/sec

Title: US-09-787-082-7

Perfect score: 188

Sequence: 1 GLPVCKGKAGKSRMLYDCCTGCRSGKCTRG 32

Scoring table: BLOSUM62

Gapop 10.0 , Gapext 0.5

Searched: 262574 seqs, 29422922 residues

Total number of hits satisfying chosen parameters: 262574

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database : Issued\_Patents\_AA.\*

1: /cgn2\_6/ptodata/2/iaa/5A.COMB.pep.\*

2: /cgn2\_6/ptodata/2/iaa/5B.COMB.pep.\*

3: /cgn2\_6/ptodata/2/iaa/6A.COMB.pep.\*

4: /cgn2\_6/ptodata/2/iaa/6B.COMB.pep.\*

5: /cgn2\_6/ptodata/2/iaa/PTUS.COMB.pep.\*

6: /cgn2\_6/ptodata/2/iaa/backfiles1.pep.\*

Pred. No. is the number of results predicted by chance to have a  
score greater than or equal to the score of the result being printed,  
and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	151	80.3	25	1	US-07-789-913-1
2	151	80.3	25	1	US-08-049-794-1
3	151	80.3	25	1	US-08-496-847-1
4	151	80.3	25	2	US-08-742-774-1
5	151	80.3	25	2	US-08-675-354-1
6	151	80.3	25	2	US-08-965-918-1
7	151	80.3	25	2	US-09-039-168-1
8	151	80.3	25	2	US-09-138-439-1
9	151	80.3	25	3	US-08-613-400A-1
10	151	80.3	25	3	US-09-298-017-1
11	151	80.3	25	4	US-09-392-979A-1
12	151	80.3	26	1	US-07-789-913-11
13	151	80.3	27	1	US-07-789-913-14
14	151	80.3	27	1	US-07-789-913-15
15	145	77.1	25	1	US-07-789-913-9
16	145	77.1	25	1	US-07-789-913-10
17	145	77.1	25	1	US-07-789-913-12
18	145	77.1	25	1	US-07-789-913-13
19	145	77.1	25	1	US-07-789-913-16
20	145	77.1	25	1	US-07-789-913-17
21	145	77.1	25	1	US-08-049-794-9
22	145	77.1	25	1	US-08-049-794-16
23	145	77.1	25	1	US-08-049-794-33
24	145	77.1	25	1	US-08-496-847-9
25	145	77.1	25	1	US-08-496-847-16
26	145	77.1	25	1	US-08-496-847-33
27	145	77.1	25	1	US-08-496-847-35

28	145	77.1	25	1	US-08-496-847-36
29	145	77.1	25	2	US-08-742-774-9
30	145	77.1	25	2	US-08-742-774-16
31	145	77.1	25	2	US-08-742-774-33
32	145	77.1	25	2	US-08-675-354-9
33	145	77.1	25	2	US-08-675-354-16
34	145	77.1	25	2	US-08-675-354-33
35	145	77.1	25	2	US-08-965-918-9
36	145	77.1	25	2	US-08-965-918-16
37	145	77.1	25	2	US-08-965-918-33
38	145	77.1	25	2	US-08-965-918-35
39	145	77.1	25	2	US-08-965-918-36
40	145	77.1	25	2	US-09-138-439-9
41	145	77.1	25	2	US-09-138-439-16
42	145	77.1	25	2	US-09-138-439-33
43	145	77.1	25	3	US-08-613-400A-9
44	145	77.1	25	3	US-08-613-400A-16
45	145	77.1	25	3	US-08-613-400A-33

ALIGNMENTS

RESULT 1  
US-07-789-913-1  
; Sequence 1, Application US/07789913  
; Patent No. 5559095  
; GENERAL INFORMATION:  
; APPLICANT: Miljanich, George P.  
; APPLICANT: Bowersox, Stephen S.  
; APPLICANT: Fox, James A.  
; APPLICANT: Valentino, Karen L.  
; APPLICANT: Bitner, Robert S.  
; APPLICANT: Yamashiro, Donald H.  
; TITLE OF INVENTION: Delayed Treatment Method of Reducing  
; TITLE OF INVENTION: Ischemia-Related Neuronal Damage  
; NUMBER OF SEQUENCES: 28  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Law Offices of Peter Dehlinger  
; STREET: 350 Cambridge Avenue, Suite 300  
; CITY: Palo Alto  
; STATE: CA  
; COUNTRY: USA  
; ZIP: 94306  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/07/789,913  
; FILING DATE: 19911112  
; CLASSIFICATION: 514  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 07/561,766  
; FILING DATE: 02-AUG-1990  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 07/440,094  
; FILING DATE: 22-NOV-1989  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Stratford, Carol A.  
; REGISTRATION NUMBER: 34,444  
; REFERENCE/DOCKET NUMBER: 5865-0005.30  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (415) 324-0880  
; TELEFAX: (415) 324-0960  
; INFORMATION FOR SEQ ID NO: 1:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 25 amino acids  
; TYPE: AMINO ACID  
; TOPOLOGY: both  
; MOLECULE TYPE: peptide  
; HYPOTHETICAL: NO

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; ANTI-SENSE: NO
; ORIGINAL SOURCE:
; INDIVIDUAL ISOLATE: SNX-111
US-07-789-913-1

Query Match      80.3%; Score 151; DB 1; Length 25;
Best Local Similarity 100.0%; Pred. No. 3.2e-10;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 5 CKGKGAKCSRLMYDCTGSCRSKC 29
    |||||
Db 1 CKGKGAKCSRLMYDCTGSCRSKC 25

RESULT 2
US-08-049-794-1
; Sequence 1, Application US/08049794
; Patent No. 5587454
; GENERAL INFORMATION:
; APPLICANT: JUSTICE, ALAN
; APPLICANT: SINGH, TEJINDER
; APPLICANT: GOHIL, KISHOR C
; APPLICANT: VALENTINO, KAREN L
; APPLICANT: MILVANTCH, GEORGE P
; TITLE OF INVENTION: METHODS OF PRODUCING ANALGESIA AND
; TITLE OF INVENTION: ENHANCING OPIATE ANALGESIA
; NUMBER OF SEQUENCES: 34
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Peter Dehlinger
; STREET: 350 Cambridge Avenue, Suite 300
; CITY: Palo Alto
; STATE: CA
; COUNTRY: USA
; ZIP: 94306
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/049,794
; FILING DATE: 19930415
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/814,759
; FILING DATE: 30-DEC-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Stratford, Carol A.
; REGISTRATION NUMBER: 34,444
; REFERENCE/DOCKET NUMBER: 5865-0009.30
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 324-0880
; TELEFAX: (415) 324-0960
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 25 amino acids
; TYPE: AMINO ACID
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; HYPOTHETICAL: NO
; ORIGINAL SOURCE:
; INDIVIDUAL ISOLATE: MVIITA/SNX-111, FIGURE 1
US-08-049-794-1

Query Match      80.3%; Score 151; DB 1; Length 25;
Best Local Similarity 100.0%; Pred. No. 3.2e-10;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 5 CKGKGAKCSRLMYDCTGSCRSKC 29
    |||||
Db 1 CKGKGAKCSRLMYDCTGSCRSKC 25
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RESULT 3
US-08-496-847-1
; Sequence 1, Application US/08496847
; Patent No. 5795864
; GENERAL INFORMATION:
; APPLICANT: Amstutz, Gary A.
; APPLICANT: Bowersox, Stephen S.
; APPLICANT: Gohil, Kishorchandra
; APPLICANT: Adriaenssens, Peter I.
; APPLICANT: Kristipati, Ramasharma
; TITLE OF INVENTION: METHODS AND
; TITLE OF INVENTION: FORMULATIONS FOR PREVENTING PROGRESSION OF NEUROPATHIC PAIN
; NUMBER OF SEQUENCES: 36
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Dehlinger & Associates
; STREET: 350 Cambridge Avenue, Suite 250
; CITY: Palo Alto
; STATE: CA
; COUNTRY: US
; ZIP: 94306-1546
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/496,847
; FILING DATE: 27-JUN-1995
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: Stratford, Carol A.
; REGISTRATION NUMBER: 34,444
; REFERENCE/DOCKET NUMBER: 5865-0009.31
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 650-324-0880
; TELEFAX: 650-324-0960
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 25 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; HYPOTHETICAL: NO
; ORIGINAL SOURCE:
; INDIVIDUAL ISOLATE: MVIITA/SNX-111, FIGURE 1
US-08-496-847-1

Query Match      80.3%; Score 151; DB 1; Length 25;
Best Local Similarity 100.0%; Pred. No. 3.2e-10;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 5 CKGKGAKCSRLMYDCTGSCRSKC 29
    |||||
Db 1 CKGKGAKCSRLMYDCTGSCRSKC 25

RESULT 4
US-08-742-774-1
; Sequence 1, Application US/08742774
; Patent No. 5824645
; GENERAL INFORMATION:
; APPLICANT: JUSTICE, ALAN
; APPLICANT: SINGH, TEJINDER
; APPLICANT: GOHIL, KISHOR C
; APPLICANT: VALENTINO, KAREN L
; APPLICANT: MILVANTCH, GEORGE P
; TITLE OF INVENTION: METHODS OF PRODUCING ANALGESIA AND
; TITLE OF INVENTION: ENHANCING OPIATE ANALGESIA
; NUMBER OF SEQUENCES: 34
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Peter Dehlinger
; STREET: 350 Cambridge Avenue, Suite 300
; CITY: Palo Alto
```

STATE: CA  
COUNTRY: USA  
ZIP: 94306  
COMPUTER READABLE FORM:  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/742,774  
FILING DATE:  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/675,354  
FILING DATE: 03-JUL-1996  
APPLICATION NUMBER: US/08/049,794  
FILING DATE: 1993-APR-15  
APPLICATION NUMBER: US 07/814,759  
FILING DATE: 30-DEC-1991  
ATTORNEY/AGENT INFORMATION:  
NAME: Stratford, Carol A.  
REGISTRATION NUMBER: 34,444  
REFERENCE/DOCKET NUMBER: 5865-0009.30  
TELEPHONE: (415) 324-0880  
TELEFAX: (415) 324-0960  
INFORMATION FOR SEQ ID NO: 1:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 25 amino acids  
TYPE: amino acid  
TOPOLOGY: linear  
MOLECULE TYPE: protein  
HYPOTHETICAL: NO  
ORIGINAL SOURCE:  
INDIVIDUAL ISOLATE: MVIIA/SNX-111, FIGURE 1  
US-08-742-774-1

Query Match 80.3%; Score 151; DB 2; Length 25;  
Best Local Similarity 100.0%; Pred. No. 3.2e-10;  
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 5 CKKGAKCSRLMYDCTGTCRSGKC 29  
|||||  
DB 1 CKKGAKCSRLMYDCTGTCRSGKC 25

RESULT 5  
US-08-675-354-1  
Sequence 1, Application US/08675354  
Patent No. 5859186  
GENERAL INFORMATION:  
APPLICANT: JUSTICE, ALAN  
APPLICANT: SINGH, TEJINDER  
APPLICANT: GOHIL, KISHOR C  
APPLICANT: VALENTINO, KAREN L  
APPLICANT: MILJANICH, GEORGE P  
TITLE OF INVENTION: METHODS OF PRODUCING ANALGESIA AND  
TITLE OF INVENTION: ENHANCING OPIATE ANALGESIA  
NUMBER OF SEQUENCES: 34  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Law Offices of Peter Dehlinger  
STREET: 350 Cambridge Avenue, Suite 300  
CITY: Palo Alto  
STATE: CA  
COUNTRY: USA  
ZIP: 94306  
COMPUTER READABLE FORM:  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/675,354

FILING DATE: 03-JUL-1996  
CLASSIFICATION: 530  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US/08/049,794  
FILING DATE: 1993-APR-15  
APPLICATION NUMBER: US 07/814,759  
FILING DATE: 30-DEC-1991  
ATTORNEY/AGENT INFORMATION:  
NAME: Stratford, Carol A.  
REGISTRATION NUMBER: 34,444  
REFERENCE/DOCKET NUMBER: 5865-0009.30  
TELEPHONE: (415) 324-0880  
TELEFAX: (415) 324-0960  
INFORMATION FOR SEQ ID NO: 1:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 25 amino acids  
TYPE: amino acid  
TOPOLOGY: linear  
MOLECULE TYPE: protein  
HYPOTHETICAL: NO  
ORIGINAL SOURCE:  
INDIVIDUAL ISOLATE: MVIIA/SNX-111, FIGURE 1  
US-08-675-354-1

Query Match 80.3%; Score 151; DB 2; Length 25;  
Best Local Similarity 100.0%; Pred. No. 3.2e-10;  
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 5 CKKGAKCSRLMYDCTGTCRSGKC 29  
|||||  
DB 1 CKKGAKCSRLMYDCTGTCRSGKC 25

RESULT 6  
US-08-965-918-1  
Sequence 1, Application US/08965918  
Patent No. 5891849  
GENERAL INFORMATION:  
APPLICANT: Amstutz, Gary A.  
APPLICANT: Bowersox, Stephen S.  
APPLICANT: Gohil, Kishorchandra  
APPLICANT: Adriaenssens, Peter I.  
APPLICANT: Kristipati, Ramasharma  
TITLE OF INVENTION: METHODS AND FORMULATIONS FOR PREVENTING  
TITLE OF INVENTION: PROGRESSION OF NEUROPATHIC PAIN  
NUMBER OF SEQUENCES: 36  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Dehlinger & Associates  
STREET: 350 Cambridge Avenue, Suite 250  
CITY: Palo Alto  
STATE: CA  
COUNTRY: US  
ZIP: 94306-1546  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: DOS  
SOFTWARE: FastSeq for Windows Version 2.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/965,918  
FILING DATE: 07-NOV-1997  
CLASSIFICATION: 514  
ATTORNEY/AGENT INFORMATION:  
NAME: Mohr, Judy M.  
REGISTRATION NUMBER: 38,563  
REFERENCE/DOCKET NUMBER: 5865-0009.34  
TELEPHONE: 650-324-0880  
TELEFAX: 650-324-0960  
INFORMATION FOR SEQ ID NO: 1:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 25 amino acids

;  
; TYPE: amino acid  
; TOPOLOGY: linear  
; MOLECULE TYPE: protein  
; HYPOTHETICAL: NO  
; ORIGINAL SOURCE:  
; INDIVIDUAL ISOLATE: MVIIA/SNX-111, FIGURE 1  
US-08-965-918-1

Query Match 80.3%; Score 151; DB 2; Length 25;  
Best Local Similarity 100.0%; Pred. No. 3.2e-10; Indels 0; Gaps 0;  
Matches 25; Conservative 0; Mismatches 0;

Qy 5 CKGKGAKCSRLMYDCTGCSRGKC 29  
|||||  
Db 1 CKGKGAKCSRLMYDCTGCSRGKC 25

RESULT 7  
US-09-039-168-1  
; Sequence 1, Application US/09039168  
; Patent No. 596534  
; GENERAL INFORMATION:  
; APPLICANT: Pang, Iok-Hou; Kapin, Michael and Hellberg,  
; APPLICANT: Mark  
; TITLE OF INVENTION: The Use of w-Conotoxin Analogs For  
; TITLE OF INVENTION: Treating Retinal and Optic Nerve Head Damage  
; NUMBER OF SEQUENCES: 7  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Alcon Laboratories, Inc.  
; STREET: 6201 South Freeway, Patent Legal  
; CITY: Fort Worth  
; STATE: Texas  
; COUNTRY: USA  
; ZIP: 76134-2099

COMPUTER READABLE FORM:  
MEDIUM TYPE: 1.2 mg, 3.25" floppy disk  
COMPUTER: Compaq Deskpro XE 560  
OPERATING SYSTEM: Microsoft Windows for Workgroups,  
SOFTWARE: Microsoft Word 6.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/039,168  
FILING DATE:  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/562,142  
FILING DATE: No. 5965534ember 22, 1995  
ATTORNEY/AGENT INFORMATION:  
NAME: MAYO, MICHAEL C.  
REGISTRATION NUMBER: 38,545  
REFERENCE/DOCKET NUMBER: 1462  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (817) 551-4321  
TELEFAX: (817) 551-4610

INFORMATION FOR SEQ ID NO: 1:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 25 amino acids  
TYPE: amino acid  
STRANDEDNESS:  
TOPOLOGY: unknown  
MOLECULE TYPE:  
DESCRIPTION: peptide  
HYPOTHETICAL: NO  
ANTI-SENSE: NO  
US-09-039-168-1

Query Match 80.3%; Score 151; DB 2; Length 25;  
Best Local Similarity 100.0%; Pred. No. 3.2e-10;  
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 5 CKGKGAKCSRLMYDCTGCSRGKC 29  
|||||  
Db 1 CKGKGAKCSRLMYDCTGCSRGKC 25

RESULT 8  
US-09-138-439-1  
; Sequence 1, Application US/09138439  
; Patent No. 5994305  
; GENERAL INFORMATION:  
; APPLICANT: JUSTICE, ALAN  
; APPLICANT: SINGH, TEJINDER  
; APPLICANT: GOHIL, KISHOR C  
; APPLICANT: VALENTINO, KAREN L  
; APPLICANT: MILJANICH, GEORGE P  
; TITLE OF INVENTION: METHODS OF PRODUCING ANALGESIA AND  
; TITLE OF INVENTION: ENHANCING OPIATE ANALGESIA  
; NUMBER OF SEQUENCES: 34  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Law Offices of Peter Dehlinger  
; STREET: 350 Cambridge Avenue, Suite 300  
; CITY: Palo Alto  
; STATE: CA  
; COUNTRY: USA  
; ZIP: 94306

COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC Compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/138,439  
FILING DATE:  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US/08/049,794  
FILING DATE: 1993-04-15  
APPLICATION NUMBER: US 07/814,759  
FILING DATE: 30-DEC-1991  
ATTORNEY/AGENT INFORMATION:  
NAME: Stratford, Carol A.  
REGISTRATION NUMBER: 34,444  
REFERENCE/DOCKET NUMBER: 5865-0009.30  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (415) 324-0880  
TELEFAX: (415) 324-0960

INFORMATION FOR SEQ ID NO: 1:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 25 amino acids  
TYPE: amino acid  
TOPOLOGY: linear  
MOLECULE TYPE: protein  
HYPOTHETICAL: NO  
ORIGINAL SOURCE:  
INDIVIDUAL ISOLATE: MVIIA/SNX-111, FIGURE 1  
US-09-138-439-1

Query Match 80.3%; Score 151; DB 2; Length 25;  
Best Local Similarity 100.0%; Pred. No. 3.2e-10;  
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 5 CKGKGAKCSRLMYDCTGCSRGKC 29  
|||||  
Db 1 CKGKGAKCSRLMYDCTGCSRGKC 25

RESULT 9  
US-08-613-400A-1  
; Sequence 1, Application US/08613400A  
; Patent No. 6054429  
; GENERAL INFORMATION:  
; APPLICANT: Bowersox, S. Scott  
; APPLICANT: Gadbois, Theresa  
; APPLICANT: Pettus, Mark, R.  
; APPLICANT: Luther, Robert, R.  
; TITLE OF INVENTION: IMPROVED EPIDURAL

;; TITLE OF INVENTION: METHOD OF PRODUCING ANALGESIA  
;; NUMBER OF SEQUENCES: 36  
;; CORRESPONDENCE ADDRESS:  
;; ADDRESSEE: Dehlinger & Associates  
;; STREET: 350 Cambridge Avenue, Suite 250  
;; CITY: Palo Alto  
;; STATE: CA  
;; COUNTRY: US  
;; ZIP: 94306-1546  
;; COMPUTER READABLE FORM:  
;; MEDIUM TYPE: Diskette  
;; COMPUTER: IBM Compatible  
;; OPERATING SYSTEM: DOS  
;; SOFTWARE: FastSeq for Windows Version 2.0  
;; CURRENT APPLICATION DATA:  
;; APPLICATION NUMBER: US/08/613,400A  
;; FILING DATE: 08-MAR-1996  
;; CLASSIFICATION: 514  
;; PRIOR APPLICATION DATA:  
;; APPLICATION NUMBER:  
;; FILING DATE:  
;; ATTORNEY/AGENT INFORMATION:  
;; NAME: Stratford, Carol A.  
;; REGISTRATION NUMBER: 34,444  
;; REFERENCE/DOCKET NUMBER: 5865-0019  
;; TELECOMMUNICATION INFORMATION:  
;; TELEPHONE: 650-324-0880  
;; TELEFAX: 650-324-0960  
;; INFORMATION FOR SEQ ID NO: 1:  
;; SEQUENCE CHARACTERISTICS:  
;; LENGTH: 25 amino acids  
;; TYPE: amino acid  
;; TOPOLOGY: linear  
;; MOLECULE TYPE: protein  
;; HYPOTHETICAL: NO  
;; ORIGINAL SOURCE:  
;; INDIVIDUAL ISOLATE: MVIIA/SNX-111, FIGURE 1  
US-08-613-400A-1  
Query Match 80.3%; Score 151; DB 3; Length 25;  
Best Local Similarity 100.0%; Pred. No. 3.2e-10;  
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 5 CKGKGAKCSRLMYDCTGTCRSGKC 29  
Db 1 CKGKGAKCSRLMYDCTGTCRSGKC 25  
RESULT 10  
US-09-298-017-1  
; Sequence 1, Application US/09298017  
; Patent No. 6087091  
; GENERAL INFORMATION:  
; APPLICANT: JUSTICE, ALAN  
; APPLICANT: SINGH, TEJINDER  
; APPLICANT: GOHIL, KISHOR C  
; APPLICANT: VALENTINO, KAREN L  
; APPLICANT: MILJANICH, GEORGE P  
; TITLE OF INVENTION: METHODS OF PRODUCING ANALGESIA AND  
; ENHANCING OPIATE ANALGESIA  
; NUMBER OF SEQUENCES: 34  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Law Offices of Peter Dehlinger  
; STREET: 350 Cambridge Avenue, Suite 300  
; CITY: Palo Alto  
; STATE: CA  
; COUNTRY: USA  
; ZIP: 94306  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.25  
; TITLE OF INVENTION: METHODS OF PRODUCING ANALGESIA AND  
; ENHANCING OPIATE ANALGESIA  
; NUMBER OF SEQUENCES: 34  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Law Offices of Peter Dehlinger  
; STREET: 350 Cambridge Avenue, Suite 300  
; CITY: Palo Alto  
; STATE: CA  
; COUNTRY: USA  
; ZIP: 94306  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.25

;; CURRENT APPLICATION DATA:  
;; APPLICATION NUMBER: US/09/298,017  
;; FILING DATE:  
;; CLASSIFICATION:  
;; PRIOR APPLICATION DATA:  
;; APPLICATION NUMBER: 08/049,794  
;; FILING DATE:  
;; ATTORNEY/AGENT INFORMATION:  
;; NAME: Stratford, Carol A.  
;; REGISTRATION NUMBER: 34,444  
;; REFERENCE/DOCKET NUMBER: 5865-0009.30  
;; TELECOMMUNICATION INFORMATION:  
;; TELEPHONE: (415) 324-0880  
;; TELEFAX: (415) 324-0960  
;; INFORMATION FOR SEQ ID NO: 1:  
;; SEQUENCE CHARACTERISTICS:  
;; LENGTH: 25 amino acids  
;; TYPE: amino acid  
;; TOPOLOGY: linear  
;; MOLECULE TYPE: protein  
;; HYPOTHETICAL: NO  
;; ORIGINAL SOURCE:  
;; INDIVIDUAL ISOLATE: MVIIA/SNX-111, FIGURE 1  
US-09-298-017-1  
Query Match 80.3%; Score 151; DB 3; Length 25;  
Best Local Similarity 100.0%; Pred. No. 3.2e-10;  
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 5 CKGKGAKCSRLMYDCTGTCRSGKC 29  
Db 1 CKGKGAKCSRLMYDCTGTCRSGKC 25  
RESULT 11  
US-09-392-979A-1  
; Sequence 1, Application US/09392979A  
; Patent No. 6136786  
; GENERAL INFORMATION:  
; APPLICANT: JUSTICE, ALAN  
; APPLICANT: SINGH, TEJINDER  
; APPLICANT: GOHIL, KISHOR C  
; APPLICANT: VALENTINO, KAREN L  
; APPLICANT: MILJANICH, GEORGE P  
; TITLE OF INVENTION: METHODS OF PRODUCING ANALGESIA AND  
; ENHANCING OPIATE ANALGESIA  
; NUMBER OF SEQUENCES: 34  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Law Offices of Peter Dehlinger  
; STREET: 350 Cambridge Avenue, Suite 300  
; CITY: Palo Alto  
; STATE: CA  
; COUNTRY: USA  
; ZIP: 94306  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/392,979A  
; FILING DATE:  
; CLASSIFICATION:  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US/08/049,794  
; FILING DATE: 1993-04-15  
; APPLICATION NUMBER: US 07/814,759  
; FILING DATE: 30-DEC-1991  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Stratford, Carol A.  
; REGISTRATION NUMBER: 34,444  
; REFERENCE/DOCKET NUMBER: 5865-0009.30  
; TELECOMMUNICATION INFORMATION:

; TELEPHONE: (415) 324-0880  
; TELEFAX: (415) 324-0960  
; INFORMATION FOR SEQ ID NO: 1:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 25 amino acids  
; TYPE: amino acid  
; TOPOLOGY: linear  
; MOLECULE TYPE: protein  
; HYPOTHEICAL: NO  
; ORIGINAL SOURCE:  
; INDIVIDUAL ISOLATE: MVIIA/SNX-111, FIGURE 1  
; US-09-392-979A-1

Query Match 80.3%; Score 151; DB 4; Length 25;  
Best Local Similarity 100.0%; Pred. No. 3.2e-10;  
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 5 CKGKGAKCSRLMYDCTGCSRSGK 29  
Db 1 CKGKGAKCSRLMYDCTGCSRSGK 25

## RESULT 12

US-07-789-913-11  
; Sequence 11, Application US/07789913  
; Patent No. 5559095

## GENERAL INFORMATION:

; APPLICANT: Miljanich, George P.  
; APPLICANT: Bowersox, Stephen S.  
; APPLICANT: Fox, James A.  
; APPLICANT: Valentino, Karen L.  
; APPLICANT: Bitner, Robert S.  
; APPLICANT: Yamashiro, Donald H.

; TITLE OF INVENTION: Delayed Treatment Method of Reducing  
; TITLE OF INVENTION: Ischemia-Related Neuronal Damage

## NUMBER OF SEQUENCES: 28

; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Law Offices of Peter Dehlinger  
; STREET: 350 Cambridge Avenue, Suite 300  
; CITY: Palo Alto  
; STATE: CA

; COUNTRY: USA  
; ZIP: 94306

## COMPUTER READABLE FORM:

; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.25

## CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/07789,913  
; FILING DATE: 19911112  
; CLASSIFICATION: 514

## PRIOR APPLICATION DATA:

; APPLICATION NUMBER: US 07/561,766  
; FILING DATE: 02-AUG-1990

## PRIOR APPLICATION DATA:

; APPLICATION NUMBER: US 07/440,094  
; FILING DATE: 22-NOV-1989

## ATTORNEY/AGENT INFORMATION:

; NAME: Stratford, Carol A.  
; REGISTRATION NUMBER: 34,444  
; REFERENCE/DOCKET NUMBER: 5865-0005.30  
; TELEPHONE: (415) 324-0960

## INFORMATION FOR SEQ ID NO: 11:

## SEQUENCE CHARACTERISTICS:

; LENGTH: 26 amino acids  
; TYPE: AMINO ACID  
; TOPOLOGY: both  
; MOLECULE TYPE: peptide  
; HYPOTHEICAL: NO  
; ANTI-SENSE: NO

; ORIGINAL SOURCE:  
; INDIVIDUAL ISOLATE: SNX-193  
; US-07-789-913-11

Query Match 80.3%; Score 151; DB 1; Length 26;  
Best Local Similarity 100.0%; Pred. No. 3.3e-10;  
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 5 CKGKGAKCSRLMYDCTGCSRSGK 29  
Db 1 CKGKGAKCSRLMYDCTGCSRSGK 25

## RESULT 13

US-07-789-913-14  
; Sequence 14, Application US/07789913  
; Patent No. 5559095

## GENERAL INFORMATION:

; APPLICANT: Miljanich, George P.  
; APPLICANT: Bowersox, Stephen S.  
; APPLICANT: Fox, James A.  
; APPLICANT: Valentino, Karen L.  
; APPLICANT: Bitner, Robert S.  
; APPLICANT: Yamashiro, Donald H.

; TITLE OF INVENTION: Delayed Treatment Method of Reducing  
; TITLE OF INVENTION: Ischemia-Related Neuronal Damage

## NUMBER OF SEQUENCES: 28

; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Law Offices of Peter Dehlinger  
; STREET: 350 Cambridge Avenue, Suite 300  
; CITY: Palo Alto  
; STATE: CA

; COUNTRY: USA

; ZIP: 94306

## COMPUTER READABLE FORM:

; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.25

## CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/07789,913  
; FILING DATE: 19911112  
; CLASSIFICATION: 514

## PRIOR APPLICATION DATA:

; APPLICATION NUMBER: US 07/561,766  
; FILING DATE: 02-AUG-1990

## PRIOR APPLICATION DATA:

; APPLICATION NUMBER: US 07/440,094  
; FILING DATE: 22-NOV-1989

## ATTORNEY/AGENT INFORMATION:

; NAME: Stratford, Carol A.  
; REGISTRATION NUMBER: 34,444  
; REFERENCE/DOCKET NUMBER: 5865-0005.30  
; TELEPHONE: (415) 324-0960

## INFORMATION FOR SEQ ID NO: 14:

## SEQUENCE CHARACTERISTICS:

; LENGTH: 27 amino acids  
; TYPE: AMINO ACID  
; TOPOLOGY: both  
; MOLECULE TYPE: peptide  
; HYPOTHEICAL: NO  
; ANTI-SENSE: NO  
; ORIGINAL SOURCE:  
; INDIVIDUAL ISOLATE: SNX-196

## US-07-789-913-14

Query Match 80.3%; Score 151; DB 1; Length 27;  
Best Local Similarity 100.0%; Pred. No. 3.4e-10;  
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 5 CKGKGAKCSRLMYDCTGCSRSGK 29

Db 2 CKGKAGKCSRLMYDCTGSCRSKGC 26  
|||||

## RESULT 14

US-07-789-913-15  
; Sequence 15, Application US/07789913  
; Patent No. 5559095  
; GENERAL INFORMATION:  
; APPLICANT: Miljanich, George P.  
; APPLICANT: Bowersox, Stephen S.  
; APPLICANT: Fox, James A.  
; APPLICANT: Valentino, Karen L.  
; APPLICANT: Bitner, Robert S.  
; APPLICANT: Yamashiro, Donald H.  
; TITLE OF INVENTION: Delayed Treatment Method of Reducing  
; Ischemia-Related Neuronal Damage  
; NUMBER OF SEQUENCES: 28  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Law Offices of Peter Dehlinger  
; STREET: 350 Cambridge Avenue, Suite 300  
; CITY: Palo Alto  
; STATE: CA  
; COUNTRY: USA  
; ZIP: 94306  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/07/789,913  
; FILING DATE: 19911112  
; CLASSIFICATION: 514  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 07/561,766  
; FILING DATE: 02-AUG-1990  
; PRIOR APPLICATION NUMBER: US 07/440,094  
; APPLICATION NUMBER: US 07/440,094  
; FILING DATE: 22-NOV-1989  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Stratford, Carol A.  
; REGISTRATION NUMBER: 34,444  
; REFERENCE/DOCKET NUMBER: 5865-0005.30  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (415) 324-0880  
; TELEFAX: (415) 324-0960  
; INFORMATION FOR SEQ ID NO: 15:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 27 amino acids  
; TYPE: AMINO ACID  
; TOPOLOGY: both  
; MOLECULE TYPE: peptide  
; HYPOTHEICAL: NO  
; ANTI-SENSE: NO  
; ORIGINAL SOURCE:  
; INDIVIDUAL ISOLATE: SNX-197  
US-07-789-913-15

Query Match 80.3%; Score 151; DB 1; Length 27;  
Best Local Similarity 100.0%; Pred. No. 3.4e-10;  
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 5 CKGKAGKCSRLMYDCTGSCRSKGC 29  
|||||

Db 3 CKGKAGKCSRLMYDCTGSCRSKGC 27  
|||||

## RESULT 15

US-07-789-913-9  
; Sequence 9, Application US/07789913  
; Patent No. 5559095  
; GENERAL INFORMATION:

; APPLICANT: Miljanich, George P.  
; APPLICANT: Bowersox, Stephen S.  
; APPLICANT: Fox, James A.  
; APPLICANT: Valentino, Karen L.  
; APPLICANT: Bitner, Robert S.  
; APPLICANT: Yamashiro, Donald H.  
; TITLE OF INVENTION: Delayed Treatment Method of Reducing  
; Ischemia-Related Neuronal Damage  
; NUMBER OF SEQUENCES: 28  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Law Offices of Peter Dehlinger  
; STREET: 350 Cambridge Avenue, Suite 300  
; CITY: Palo Alto  
; STATE: CA  
; COUNTRY: USA  
; ZIP: 94306  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/07/789,913  
; FILING DATE: 19911112  
; CLASSIFICATION: 514  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 07/561,766  
; FILING DATE: 02-AUG-1990  
; PRIOR APPLICATION NUMBER: US 07/440,094  
; APPLICATION NUMBER: US 07/440,094  
; FILING DATE: 22-NOV-1989  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Stratford, Carol A.  
; REGISTRATION NUMBER: 34,444  
; REFERENCE/DOCKET NUMBER: 5865-0005.30  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (415) 324-0880  
; TELEFAX: (415) 324-0960  
; INFORMATION FOR SEQ ID NO: 9:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 25 amino acids  
; TYPE: AMINO ACID  
; TOPOLOGY: both  
; MOLECULE TYPE: peptide  
; HYPOTHEICAL: NO  
; ANTI-SENSE: NO  
; ORIGINAL SOURCE:  
; INDIVIDUAL ISOLATE: SNX-190  
US-07-789-913-9

Query Match 77.1%; Score 145; DB 1; Length 25;  
Best Local Similarity 96.0%; Pred. No. 1.4e-09;  
Matches 24; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 5 CKGKAGKCSRLMYDCTGSCRSKGC 29  
|||||

Db 1 CKGKAGKCSRLMYDCTGSCRSKGC 25  
|||||

Search completed: March 17, 2003, 07:28:22  
Job time: 12.9695 secs

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